



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

## NOTICE OF ACCEPTANCE (NOA)

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

Dean Steel Buildings, Inc.  
2929 Industrial Avenue  
Fort Myers, Florida 33901

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION:** 0.026" (min.) Structural Steel " Rib-12" Metal Wall Panel

**APPROVAL DOCUMENT:** Drawing titled "Rib-12 Wall Panel", prepared by Nanette Dean, P.E., signed and sealed by Nanette Dean, P.E., last revision #4 dated June 5, 2001, sheet 1 of 1, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING:** Large and Small Missile Impact Resistant

**LABELING:** Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 07-0710.10 and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
02/28/2013

NOA No. 12-1002.27  
Expiration Date: 10/04/2017  
Approval Date: 02/28/2013  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #98-0128.05**

**A. DRAWINGS**

1. *Drawing No. 2, prepared by William A. Clark, P.E., titled "Rib-12 Wall Panel", dated April 15, 1998, last revision #3 dated July 14, 1998, sheet 1 of 1, signed and sealed by William A. Clark, P.E.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. MATERIAL CERTIFICATIONS**

1. *None.*

**E. STATEMENTS**

1. *Letter stating that there have been no changes to their product prepared by William A. Clark, P.E., dated December 31, 1997, signed by William A. Clark, P.E.*

**F. OTHER**

1. *This approval renews NOA No. 95-0322.08 which was issued May 18, 1995.*

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #01-0618.04**

**A. DRAWINGS**

1. *Drawing titled "Rib-12 Wall Panel", sheet 1 of 1, prepared by Nanette Dean, P.E., signed and sealed by Nanette Dean, P.E., last revision #4 dated June 5, 2001.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

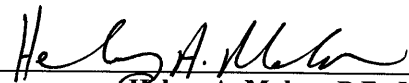
1. *None.*

**D. MATERIAL CERTIFICATIONS**

1. *None.*

**E. STATEMENTS**

1. *Letter stating that there have been no changes to their product prepared by Nanette Dean, P.E., dated June 8, 2001, signed by Nanette Dean, P.E.*



**Helmy A. Makar, P.E., M.S.**  
**Product Control Unit Supervisor**  
**NOA No. 12-1002.27**  
**Expiration Date: 10/04/2017**  
**Approval Date: 02/28/2013**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 07-0710.10**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *Test report on Large Missile Impact test, Cyclic Wind Pressure test and Uniform Static Air Pressure test on " RIB -12, 24 Ga. Thickness (.026")", prepared by Hurricane Test Laboratory, Inc., report No. 0445-0805-06, dated 06/05/2007, signed and sealed by Vinu J. Abraham, PE.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *Tensile test report # HETI-07-T640, dated 02/20/2007, prepared by Hurricane Engineering & Testing, Inc., signed and sealed by Candido Font, P.E.*

**F. OTHERS**

1. *Letter of compliance with the Florida Building Code, dated June 19, 2007, prepared by C-Buck Engineering, signed and sealed by James L. Buckner, P.E.*

**4. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

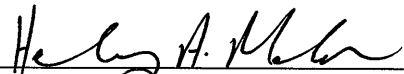
1. *None.*

**D. QUALITY ASSURANCE**

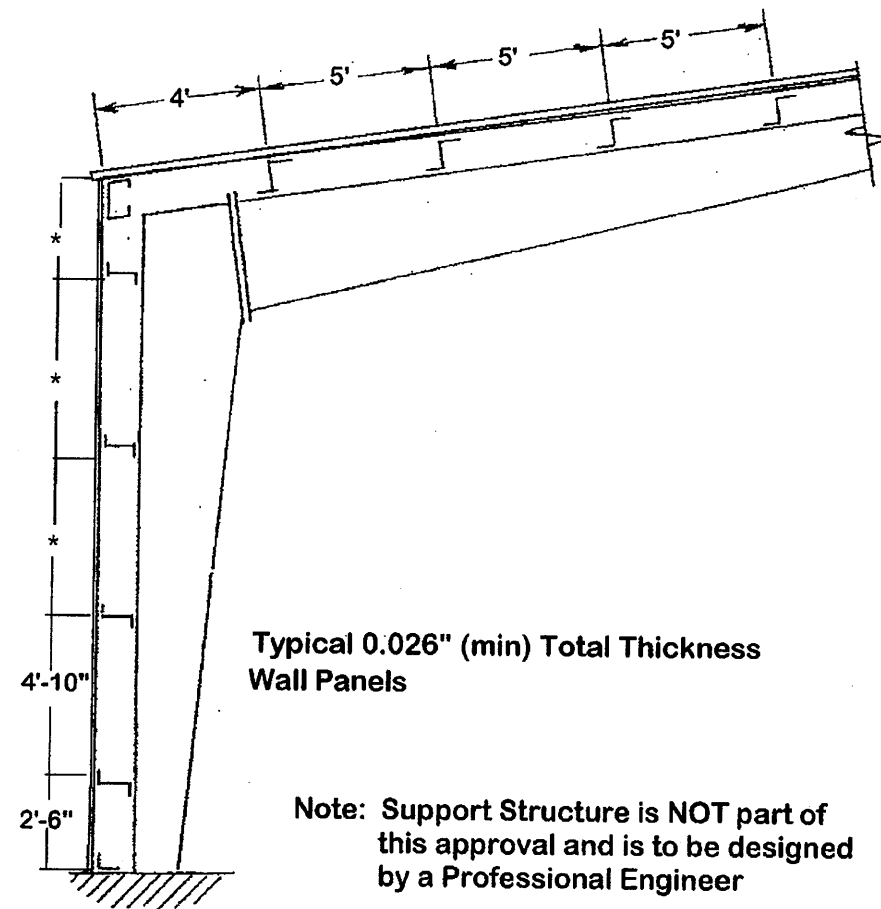
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

**E. MATERIAL CERTIFICATIONS**

1. *Letter of compliance with the Florida Building Code, dated September 25, 2012, prepared by Nanette Dean, P.E., signed and sealed by Nanette Dean, P.E.*



**Helmy A. Makar, P.E., M.S.**  
**Product Control Unit Supervisor**  
**NOA No. 12-1002.27**  
**Expiration Date: 10/04/2017**  
**Approval Date: 02/28/2013**

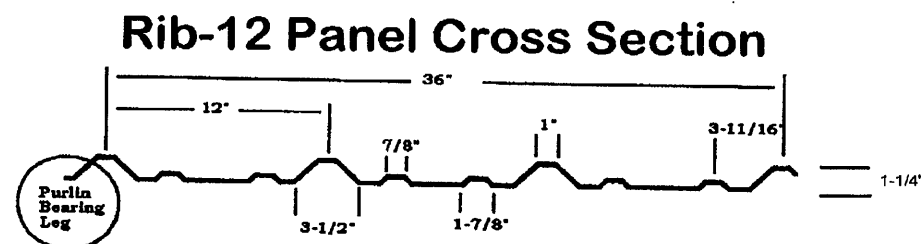


**Typical Wall Cross Section**

\* see Allowable Load Table

DEAN Rib-12 Panels have been tested and passed as follows:

Wall: PA202-94, PA201-94, PA203-94

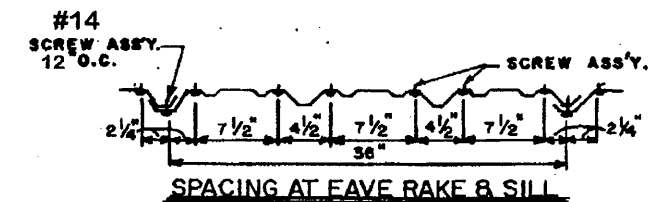


## Rib-12 Allowable Load Tables

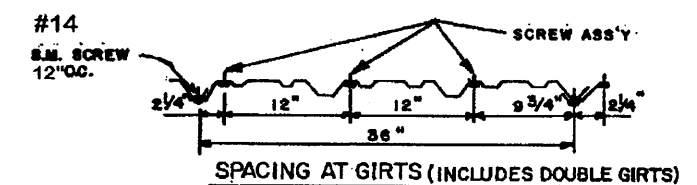
80,000 psi										
SIMPLE SPAN										
Ga	Load Out					Load In				
	3'	4'	5'	6'	7'	3'	4'	5'	6'	7'
24	114	63	32	19	12	114	64	33	19	12
TWO SPAN										
24	114	64	41	29	21	159	89	57	40	29
THREE SPAN										
24	143	80	51	35	22	178	100	62	36	23

1. Allowable loads for wind have NOT been increased by 33%. Panel weight has not been deducted. Minimum bearing length of 1.5" is required.
2. Deflection loads are limited by a maximum deflection ratio of L/240.
3. A safety factor of 2.5 is used for the allowable load calculation.
4. Panels with purlin bearing legs are available in Rib-12 Galvalume™ only.
5. All steel substrates are manufactured in accordance to ASTM A446 specifications. Protective metallic coatings shall be either galvanized, G90, 1.25 oz/sf, meeting ASTM A525 or Galvalume™, AZ55, 0.55 oz/sf meeting ASTM A792 specifications.
6. Organic paint coatings shall be silicone polyester equal to Ceram-A-Star™ 950 and shall meet ASTM G23, G26 and B117.
7. Rib-12 structural metal panels consist of cold formed steel sheet metal 0.026" (min) total thickness, conforming to ASTM A446 Grade E, with minimum yield point strength  $F_y=80,000$  psi. The protective metallic coating shall comply with ASTM A525 (galvanized) class G90 or with ASTM A792 (Galvalume™) class AZ55.
8. All self-tapping fasteners shall conform to USASB18.6.4 and shall have type A or type AB threads. All self-drilling fasteners shall conform to IF1113. Where required for weather tightness, fasteners shall be assembled with neoprene sealing washers.
9. Sealer for side laps, end laps, and flashing shall be a butyl based polymer sealant in extruded tape form. The sealer shall be non-shrinking, non-drying and non-toxic, and shall have superior adhesion to metals, plastics, and painted surfaces. Service temperatures range from  $-30^\circ$  to  $+300^\circ$ F. The material shall not flow at  $120^\circ$ F, and shall meet or exceed the requirements of government specification number MIL-C 18969 Type II, Class B and TT-C-1796A.

## Rib-12 Fastener Size & Location Diagram



#14 screws spaced as shown



All lap or stitch screws are #14 at 12" on center

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 12-1002.27  
Expiration Date 10/04/2017  
By *Helmy A. Matar*  
Miami Dade Product Control

PRODUCT RENEWED  
ACCEPTANCE No. 01-0618.04  
EXPIRATION DATE 08/06/2006  
By *Helmy A. Matar*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 07-0710.10  
Expiration Date 10/04/2012  
By *Helmy A. Matar*  
Miami Dade Product Control  
Division

Nanette Dean  
Civil Engineer  
State of Florida  
#45851

**DEAN**  
STEEL BUILDINGS, INC.

Rib-12  
Wall  
Panel